

高精度模温机(光学式)

HIGH PERFORMANCE MOLD TEMPERATURE CONTROLLER (OPTICAL TYPE)

光学模温机，专为精密光学注塑打造。它通过提供极高精度和极强稳定性的温度控制，确保了光学塑料元件具有无瑕疵的表面、精确的尺寸和稳定的光学性能，是生产各种镜头、透镜、车灯内透镜、导光板、滤光片等高端光学元件的关键保障，显著提升产品良率与品质。

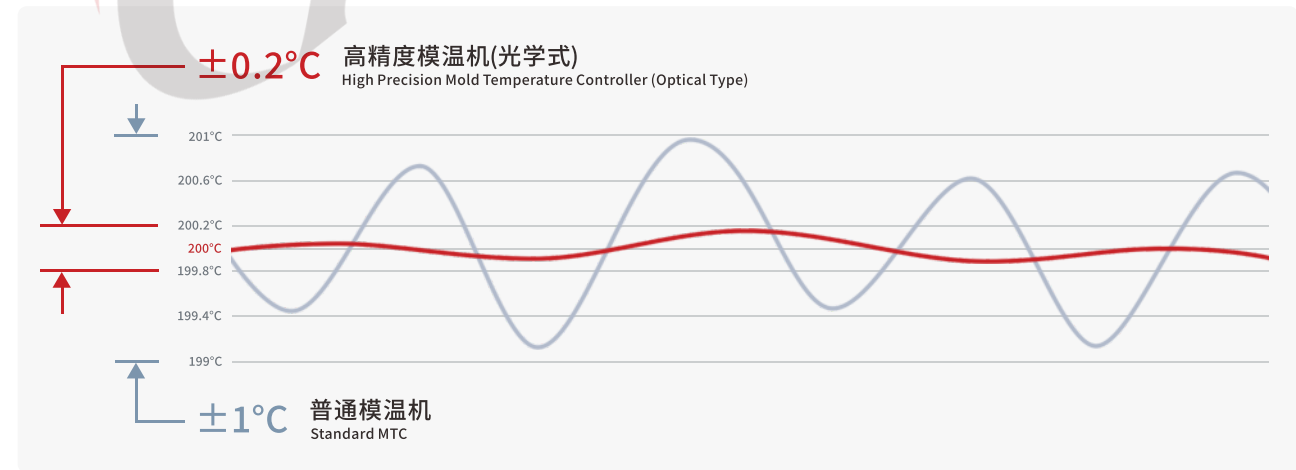
The optical-type mold temperature controller is specifically designed for precision optical injection molding. By providing temperature control with extremely high accuracy and strong stability, it ensures optical plastic components have flawless surfaces, precise dimensions, and stable optical performance. It serves as a key guarantee for producing various high-end optical components such as lenses, optical lenses, inner lenses for vehicle lamps, light guides, and filters, significantly improving product yield and quality.



XC-TM12KW-HPO

高精度，响应快，波动小，温度稳定性好

HIGH ACCURACY, RAPID RESPONSE, MINIMAL FLUCTUATION, AND SUPERIOR TEMPERATURE STABILITY



精准、高效、节能 Precise, Efficient, Energy-Saving

- ▶ **温度控制精准**
 - 高控制精度 $\pm 0.2^{\circ}\text{C}$ ，带自我优化调节，响应时间短；
 - 可自动调节压力、流量和发热功率，精准控温；
 - 支持外部温度检测，以模具作为温度监测点，实时监测模具温度；
 - 温控范围： 200°C 以内。
- ▶ **加热和冷却周期短，能耗低**
 - 加热水循环系统，低循环水量，只需要较少的电力；
 - 冷却换热系统，智能化冷却设计，智能切换直接冷却或间接冷却模式，可降低能量损耗。
- ▶ **节能变频泵浦**
 - 变频泵浦，可按流量设定值自动调节转速，节省能耗。

- ▶ **Accurate Temperature Control**
 - High control accuracy of $\pm 0.2^{\circ}\text{C}$, equipped with self-optimizing adjustment and short response time;
 - Automatically adjusts pressure, flow rate, and heating power to achieve precise temperature control;
 - Supports external temperature detection, using the mold as the temperature detection point to realize precise mold temperature control of $\pm 0.2^{\circ}\text{C}$;
 - Temperature control range: Within 200°C .

- ▶ **Short Heating & Cooling Cycles, Low Energy Consumption**
 - Hot water circulation system with low circulating water volume, requiring less electricity;
 - Cooling heat exchange system featuring an intelligent cooling design; it can intelligently switch between direct cooling and indirect cooling modes to reduce energy loss.

- ▶ **Energy-Saving Inverter Pump**
 - The inverter pump can automatically adjust its speed according to the set flow rate, saving energy consumption.

直观、智能、便捷 Intuitive, Intelligent, Convenient

- ▶ **直观操作**
 - 7英寸触摸屏直观操作；
 - 实时显示温度、压力和流量等核心数据；
 - 自由选择显示视窗和数值；
 - 多语种显示且编排合理的菜单；
 - 维护保养间隔显示提醒。

- ▶ **便捷的功能**
 - 全自动模具冷却和模具排空；
 - 自定义模具参数配方存储功能；
 - 配备USB数据记录导出功能；
 - 配备Modbus RTU和OPC UA通讯功能，可实现联网通讯，集中监控。

- ▶ **Intuitive Operation**
 - 7-inch touchscreen for intuitive operation;
 - Real-time display of core data including temperature, pressure, and flow rate;
 - Free selection of display windows and values;
 - Multilingual display with well-organized menus;
 - Display reminder for maintenance intervals.

- ▶ **Convenient Functions**
 - Fully automatic mold cooling and mold emptying;
 - Customized mold parameter recipe storage function;
 - Equipped with USB data recording and export function;
 - Equipped with Modbus RTU and OPC UA communication functions, enabling network communication and centralized monitoring.

安全、耐用、低维护率 Safe, Durable, Low Maintenance

- ▶ **全自动化过程监控**
 - 持续监测温度、流量和压力；
 - 高精度电磁感应流量检测；
 - 软管破裂和泄漏检测；
 - 泵状态监控。
- ▶ **稳定耐用的结构**
 - 模具水回路管道采用耐腐蚀材质；
 - 非接触式加热器，使用寿命长，不产生水垢；
 - 智能冷却装置确保冷却时无汽化，无结垢；
 - 不锈钢无密封泵，磁力驱动，无泄漏；
 - 核心零部件均采用国际知名品牌，保证机器运行稳定。

- ▶ **模具保护系统**
 - 密闭水回路系统设计，防止氧化；
 - 开机自动排气，关机自动冷却，并自动清模；
 - 主动式压力调节，系统运行时动态调节至所需压力范围。

- ▶ **Fully Automatic Process Monitoring**
 - Continuous monitoring of temperature, flow rate, and pressure;
 - High-precision electromagnetic induction flow detection;
 - Hose rupture and leakage detection;
 - Pump status monitoring.

- ▶ **Stable and Durable Structure**
 - Mold water circuit pipes made of corrosion-resistant materials
 - Non-contact heater with long service life and no scale formation
 - Intelligent cooling device ensures no vaporization and no scaling during cooling;
 - Stainless steel seal-less pump with magnetic drive, achieving no leakage;
 - Core components all adopt internationally renowned brands to ensure stable machine operation.

- ▶ **Mold Protection System**
 - Closed water circuit system design to prevent oxidation;
 - Automatic air discharge during startup, automatic cooling; during shutdown, and automatic mold cleaning;
 - Active pressure adjustment, dynamically adjusting to the required pressure range during system operation.

小体积，紧凑设计 Small Size, Compact Design

- ▶ **灵活安装，随处可放**
 - 小巧机身，精密紧凑的结构设计，几乎可安装于任何位置。

- ▶ **无尘车间也能使用**
 - 无纤维隔热层、不留痕的耐磨脚轮、光滑抗污的表面。

- ▶ **Flexible Installation, Can Be Placed Anywhere**
 - Compact body with a precise and compact structural design, which can be installed in almost any location.

- ▶ **Usable in Clean Rooms**
 - Fiber-free thermal insulation layer, non-marking wear-resistant casters, and smooth stain-resistant surface.

水式/油式模温机

STANDARD WATER TEMPERATURE CONTROLLER
STANDARD OIL TEMPERATURE CONTROLLER

特点:

- ◎温控范围: 水式加热温度可达120℃, 油式加热温度可达200℃;
- ◎液晶显示微电脑控制器, 显示实测温度和设定温度, 操作简单易懂, P.I.D温度精度±0.1℃, 恒温时间长, 效率高;
- ◎具有开机自动排气、关机自动降温、热电偶断偶报警、电源缺相、安全泄压、异/缺相保护、过热保护、缺水/油等保护功能;
- ◎加热桶和主管道均采用SUS304不锈钢无缝管, 耐腐蚀、不漏水(油), 寿命长;
- ◎配备一周24小时定时功能, 实现整机预约自动运行;
- ◎可选配回油型, 可方便快捷的实现传热油的回收;
- ◎可选配通讯功能, 实现自动化远程管理;
- ◎采用SSR固态继电器控制 (适用于水电分离模温机);
- ◎采用非接触式加热器, 电热管使用不受水质影响 (适用于水电分离模温机)。

FEATURE:

- ◎Temperature control range: water heating temperature up to 120℃, oil heating temperature can reach 200℃;
- ◎LCD microcomputer controller can display both the present and set temperatures, easy to operate with ±0.1℃ temperature control accuracy, long continuity and high efficiency;
- ◎Safety Functions: auto-exhaust at starting-up and auto-cooling at turning-off, thermocouple disconnection alarm, phases error/sequence protections, safety relief, overheat and oil/water shortage protection;
- ◎SUS304 stainless steel seamless heating barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎Timing function for 24 hours and weekly setting to realize automatic running;
- ◎Optional for oil return type to recycle heat transfer oil conveniently and quickly;
- ◎Optional for communication function for remote automation management;
- ◎Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
- ◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

技术参数 SPECIFICATIONS

型号(Model)	传热媒体 Transfer Medium	最高温度 Max. Temp.	泵功率 Pump (KW)	泵流量 Pump Flow (L/min)	最高使用扬程 Loading Distance (m)	油箱容量 Volume of oil tank	发热功率 Heating Power (KW)	热媒出入口径 Inlet/Outlet Diameter	外形尺寸 Dimension (mm)	净重约 Approx.Net Weight(KG)
XC-TM6KW-W	清水 Water	100℃	0.37	42	28	/	6	3/8"×2	770x295x600	45.5
XC-TM9KW-W			0.75	56	38	/	9	3/8"×4		49
XC-TM12KW-W			0.75	56	38	/	12	3/8"×4		50
XC-TM18KW-W			1.5	200	30	/	18	1"×1	800x415x800	73
XC-TM24KW-W			1.5	200	30	/	24	1"×1		76
XC-TM36KW-W			2.2	240	36	/	18x2	1.5"×1	1100x960x515	132
XC-TM48KW-W			2.2	240	36	/	24x2	1.5"×1		162
XC-TM6KW-O	传热油 Heat-Transfer Oil	200℃	0.37	42	28	6L	6	3/8"×2	770x295x600	49
XC-TM9KW-O			0.75	56	38	6L	9	3/8"×4		52.5
XC-TM12KW-O			0.75	56	38	6L	12	3/8"×4		55
XC-TM18KW-O			1.5	200	30	13L	18	1"×1	800x415x800	80
XC-TM24KW-O			1.5	200	30	13L	24	1"×1		135
XC-TM36KW-O			2.2	240	36	30L	18x2	1.5"×1	1100x960x515	193
XC-TM48KW-O			2.2	240	36	30L	24x2	1.5"×1		232

注:-NW水电分离式。Note: -NW Water-Electricity-Separation。
产品规格若有改变, 恕不另行通知。We reserve the right to change specifications without prior notice.

双机一体水式/油式模温机

TWO IN ONE WATER/OIL MTC

特点:

- ◎全新设计、占地面积小、功能完善;
- ◎双机独立控制温度, 适合上、下模不同温度的需要, 也可同时控制不同温度需求的两台主机;
- ◎采用一个超大触摸屏人机交互, 独立控制两套控温系统, 操作简单易懂, P.I.D温度精度±0.1℃;
- ◎内部管路设计简洁、顺畅, 结构紧凑, 有效减少能量的损失;
- ◎加热桶、主管道均采用SUS304不锈钢无缝管, 耐腐蚀、不漏水(油), 寿命长;
- ◎配备一周24小时定时功能, 实现整机预约自动运行;
- ◎配备通讯功能, 可实现自动化远程管理;
- ◎可根据不同需求选择三机一体或四机一体;
- ◎采用SSR固态继电器控制 (适用于水电分离模温机);
- ◎采用非接触式加热器, 电热管使用不受水质影响 (适用于水电分离模温机)。

FEATURE:

- ◎Newly designed, small footprint and multi-functional;
- ◎Individual controlling two temperatures--suitable for case with different temperature required for mold parts, or just two machines;
- ◎Adopt 10-inch super large touch screen human-computer interaction, controlling the two different temperatures at the same time, easy to operate, with ±0.1℃ temperature control accuracy;
- ◎Well-constructed interior pipelines with concise and well-knit designation for energy saving;
- ◎SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎Timing function for 24 hours and weekly setting to realize automatic running;
- ◎Default with communication function for remote automation management;
- ◎According for actual demand could tailor make 3 in 1 or 4 in 1 models as well;
- ◎Controlled by SSR solid-state relay (applicable to water-electricity separation mold temperature controller);
- ◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

技术参数 SPECIFICATIONS

型号Model	传热媒体 Transfer Medium	最高温度 Max. Temp.	泵功率 Pump(KW)	泵流量 Pump Flow (L/min)	泵扬程 Loading Distance (m)	发热功率 Heating Power (KW)	热媒出入口径 Inlet/Outlet Diameter	外形尺寸 Dimension (mm)	净重约 Approx.Net Weight
XC-TM6KW2S-W	清水Water	100℃	0.37x2	42	28	6x2	3/8"×4	595x310x920	98
XC-TM9KW2S-W			0.75x2	56	38	9x2	3/8"×8	595x310x920	112
XC-TM12KW2S-W			0.75x2	56	38	12x2	3/8"×8	595x310x920	125
XC-TM18KW2S-W			1.5x2	200	30	18x2	1"×2	945x450x1200	150
XC-TM24KW2S-W			1.5x2	200	30	24x2	1"×2	945x450x1200	180
XC-TM36KW2S-W			2.2x2	315	30	18x4	1.5"x2	1100x550x1350	190
XC-TM6KW2S-O	传热油 Heat-Transfer Oil	200℃	0.37x2	42	22	6x2	3/8"×4	595x310x920	98
XC-TM9KW2S-O			0.75x2	56	28	9x2	3/8"×8	595x310x920	112
XC-TM12KW2S-O			0.75x2	56	28	12x2	3/8"×8	595x310x920	125
XC-TM18KW2S-O			1.5x2	150	30	18x2	1"×2	945x450x1200	150
XC-TM24KW2S-O			1.5x2	150	30	24x2	1"×2	945x450x1200	180
XC-TM36KW2S-O			2.2x2	233	30	18x4	1.5"x2	1100x550x1350	190

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高温水式模温机

HIGH TEMP. HIGH PRESSURE WATER MTC

特点：

- ◎温控范围:180℃以内(可选配磁力泵)；
- ◎液晶显示微电脑控制器，显示实测温度和设定温度，故障显示，操作简单易懂，P.I.D温度精度±0.1℃；
- ◎采用高效率水循环泵浦，能适用于精密模具及小直径模具回路中的控温需求，实现精密控温；
- ◎具有高压保护、超温保护、低水压报警、安全泄压装置，自动补水及开机排气功能，关机自动降温等保护功能；
- ◎配备水位探测针和电子增压泵，可以精确监测水位且自动补水，避免电热管干烧；
- ◎加热桶、储水桶和主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏水，寿命长；
- ◎采用板式换热器间接冷却，控温更为准确，快速达到热交换效果；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎选配通讯功能，实现自动化远程管理；
- ◎采用SSR固态继电器控制(适用于水电分离模温机)；
- ◎采用非接触式加热器，电热管使用不受水质影响(适用于水电分离模温机)。

FEATURE:

- ◎Temperature control range within 180℃ (Optional for magnetic pump);
- ◎LCD microcomputer controller, displaying present and set temperatures, fault details, easy to operate with ±0.1℃ temperature control accuracy;
- ◎Adopted with high efficiency water pump, which can fit and realize the accuracy controlling required for production with precise molding or small diameter molding circulation;
- ◎Multiple safety devices including high-pressure protection, overheat protection, inlet water pressure deficit protection, safety pressure relieving, automatic water supplying, automatic exhausting at starting up and automatic cooling protection at turning off;
- ◎Equipped with water level detection and electronic booster pump, which can accurately monitor the water level and automatically refilling water to avoid dry burning of the electric heater;
- ◎SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎Adopts indirect cooling method, enabling precise temperature controller and fast heat exchanging;
- ◎Timing function for 24 hours and weekly setting to realize automatic running;
- ◎Optional for communication function for remote automation management;
- ◎Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
- ◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

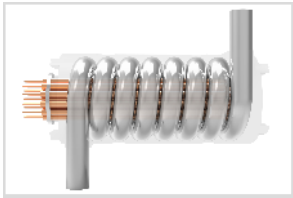
技术参数 SPECIFICATIONS

型号Model	单位Unit	XC-TM9KW-HTW	XC-TM12KW-HTW	XC-TM18KW-HTW	XC-TM24KW-HTW	XC-TM9KW-HTHPW	XC-TM12KW-HTHPW	XC-TM18KW-HTHPW	XC-TM24KW-HTHPW
温控范围 Temp.Control Range	℃	160				180			
温度精度 Temp.Control Accuracy	℃	P.I.D±0.1							
电源 power		AC3Φ380V/50HZ							
传热媒体 heat transfer medium		水Water							
冷却方式 Cooling Method		间接冷却Indirect Cooling							
加热能量 Heating Capacity	Kw	9	12	18	24	9	12	18	24
泵浦马力 Pump Power	Kw	0.75	0.75	1.5	1.5	0.5	1.1	1.1	1.5
最大泵浦流量 Max.Pump Flow	L/min	135	135	250	250	25	60	60	90
最大泵浦压力 Max.Pump Pressure	Kg/cm ²	2.5	2.5	2.5	2.5	4	6	6	6
报警功能 Alert Function		缺相/缺水/超温/过载Phase Lack/Water Shortage/Over Temperature/Overload							
冷却水配管 Cooling Water pipe	mm	12	12	12	12	12	12	12	12
热媒出入口径 Inlet/Outlet Diameter	Inch	2x(4x3/8")		2x(1×1")		2x(4x3/8")		2x(1×1")	
外形尺寸 Dimension(L×W×H)	mm	800x415x780		1090x515x945		800x415x780		1090x515x945	
净重约 Approx.Net Weight	Kg	83	86	130	162	85	88	135	167

注:160℃采用离心泵,180℃采用磁力泵,-HTNW -HTHPNW水电分离式。Note: 160℃ adopts Centrifugal Pump, 180℃ with Magnetic Pump. -HTNW -HTHPNW Water-Electricity-Separation
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XC-TM9KW-HTNW



非接触式电热管结构图 (选配)
Non-contact heater (Option)

高温油式模温机

HIGH TEMPERATURE OIL MTC

特点：

- ◎温控范围:300℃以内;
- ◎液晶显示微电脑控制器，显示实测温度和设定温度，故障直观显示，操作简单易懂，P.I.D温度精度±0.1℃；
- ◎采用知名品牌高温联轴泵，不易泄露，可选配磁力驱动泵；
- ◎具有超温保护、低水压报警、缺油保护、多重安全泄压装置，开机排气功能，关机自动降温等保护功能；
- ◎加热桶、主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏水，使用寿命长；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎隔离式电器控制箱，延长电器使用年限；
- ◎可选配通讯功能，实现自动化远程管理。

FEATURE:

- ◎Heating temperature range: within 300 ℃;
- ◎LCD microcomputer controller, displaying actual temperature and set temperature, fault description, easy to operate with ±0.1℃ temperature control accuracy;
- ◎Quality branded high temperature coupling pumps and electromagnetic pumps are equipped to high-temp oil type and die-casting type models to ensure no oil leakage;
- ◎With over-temperature protection, low water inlet pressure protection, multiple safety relief devices, automatic water replenishment and start-up exhaust function, shutdown automatic cooling and other protection functions;
- ◎Heating barrel and main pipelines are made of all SUS304 stainless steel seamless pipes ensuring corrosion-resistant, no leakage and long working lifetime;
- ◎Timing function for 24 hours and weekly setting to realize automatic running;
- ◎Isolated electric control box for long-term service life;
- ◎Optional for communication function for remote automation management.

技术参数 SPECIFICATIONS

机型Model	单位Unit	XC-TM18KW-300	XC-TM24KW-300	XC-TM36KW-300	XC-TM48KW-300	XC-TM60KW-300
温控范围Temp. Control Range	℃	300℃				
温度精度Temp. Control Accuracy	℃	P.I.D±0.1℃				
电源Power		AC3Φ380V 50HZ				
传热媒体Heat Transfer Medium		导热油Heat Transfer Oil				
冷却方式Cooling Method		间接冷却(Indirect Cooling)				
加热能量Heating Capacity	Kw	18	24	18x2	24x2	18x3
泵浦马力Pump Power	Kw	1.5	1.5	2.2	3	5.5
最大泵浦流量Max.Pump Flow	L/min	133	133	166	210	330
最大泵浦压力Max.Pump pressure	Kg/cm ²	2.2	2.2	2.5	3.2	3
储油量 Oil Tank Capacity	Liter	50	50	50	50	50
警报功能Alert Function		缺相/缺油/超温/过载 Phase Loss/oil Shortage/Over-Heat/Overload				
冷却水配管Cooling Water Pipe	mm	12	12	12	12	12
循环油配管Circulating Oil Pipe	Inch	1"	1"	1.5"	2"	2"
外形尺寸Dimension(LxWxH)	mm	1170x570x1145				
净重约 Approx.Net Weight	Kg	210	215	220	225	240

计算公式:
电热[KW]= 模具重量[KG] x 模具比热[Kcal/(KG·℃)] x 模环温差[℃] x 安全系数 ÷ 加热时间[h] ÷ 860
注:安全系数可以在1.3-1.5之间选取

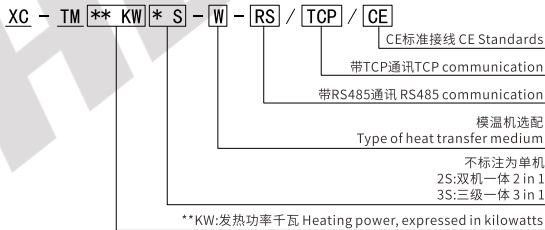
流量(L/min)=电热功率(KW) x 860 ÷ [热媒比热(Kcal/(KG·℃))] x 热媒密度(KG/L) x 进出温差(℃) x 时间(60)]

注: 水比热=1Kcal/(KG·℃)
热媒油比热=0.49 Kcal/(KG·℃)
水密度=1 KG/L
热媒油密度=0.842 KG/L
单位换算1 KW=860 Kcal/h
时间换算1 h=60 min

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XC-TM24KW-300



Calculation Formula:
Heating Power[KW]= Mold Weight[KG] x Mold Heat Specific[Kcal/(KG·℃)] x Molding Temp. Difference[℃] x Safety Factor ÷ Heating Time[h] ÷ 860
Notice: Safety factor ranges from 1.3 to 1.5.

Flow Rate(L/min)=Heating Power(KW) x 860 ÷ [Medium Heat Specific(Kcal/(KG·℃))] x Medium Density(KG/L) x Inlet and Outlet Temp. Difference x Time(60)]
Note:
Water Heat Specific=1 Kcal/(KG·℃)
Heating Oil Heat Specific=0.49 Kcal/(KG·℃)
Water Density=1 KG/L
Heating Oil Density=0.842 KG/L
Unit Change: 1 KW=860 Kcal/h
Time Exchange: 1 h=60 min

压铸水式模温机
DIE CASTING WATER MTC

特点:

- ◎采用磁力驱动泵浦和知名品牌加压泵，杜绝漏水现象；
- ◎采用10寸超大触摸屏人机交互，实时温度曲线查询，无纸化海量数据导出；
- ◎主管路均使用SUS304不锈钢无缝管，耐腐蚀、不漏油、经久耐用；
- ◎具有泵浦过载、超温保护、开机排气、关机自动冷却、低水压报警、多重泄压等保护功能；
- ◎具有易损件、耗材维护更换提醒；
- ◎功率输出可调节；
- ◎隔离式电器控制箱，延长电器使用年限；
- ◎配备通讯功能，可实现联网通讯，集中监控。

FEATURE:

- ◎With magnetic driven pump and well-known brand booster pump, no leakage;
- ◎Adopt 10-inch super large touch screen human-computer interaction, real-time temperature curve query, paperless massive data export;
- ◎Main pipeline with SUS304 stainless steel seamless pipes, ensuring corrosion-resistance, no oil leakage and long durability;
- ◎Safety Functions including pump overload protection, over-heat protection, starting-up exhausting, turning-off auto cooling, low water pressure alarm, multiple pressure relieving, etc.
- ◎With maintenance and replacement reminders for wearing parts and consumables;
- ◎Adjustable power output;
- ◎Isolated electric controller cabinet to extend the lifetime of electric devices;
- ◎Default with communication function for remote automation management.



XC-DCW24KW-200

技术参数 SPECIFICATIONS

机型model	单位unit	XC-DCW18KW 2S-200	XC-DCW24KW 2S-200	XC-DCW36KW 2S-200	XC-DCW48KW 2S-200	XC-DCW18KW -200	XC-DCW24KW -200	XC-DCW36KW -200	XC-DCW48KW -200
温控范围 Temp.Control Range	℃	200℃							
温度精度 Temp.Control Accuracy	℃	P.I.D±0.1℃							
电源 Power		AcΦ 380v 50hz							
传热媒体 Heat Transfer Medium		传热水 Heat Transfer Water							
冷却方式 Cooling Method		间接冷却 Indirect Cooling							
加热能量 Heating Capacity	kw	15×2	20×2	(15×2)×2	(20×2)×2	15	20	15×2	20×2
泵浦马力 Pump Power	kw	1.5×2		2.2×2		1.5		2.2	
最大泵浦流量 Max.Pump Flow	L/min	90×2				90			
最大泵浦压力 Max.Pump Pressure	kg/cm²	5×2		8×2		5		8	
报警功能 Alert Function		逆相/缺水/超温/过载/高压Pump reversal/Water shortage/Overheating/Overloading/High pressure							
冷却水配管 Cooling Water Pipe	inch	1"×2							
热媒出入口径 Inlet Outlet Diameter	inch	1"×2				1"			
外形尺寸 Dimension(L×W×H)	mm	1435×600×1490							
净重约 Approx.Net Weight	kg	260	260	295	295	260	260	280	295
注：不含高温闸阀及分水器。Note: Excluding high-temperature gate valves and water separators.									

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压铸油式模温机
DIE CASTING OIL MTC

特点:

- ◎全系列采用磁力驱动泵，杜绝漏油现象；
- ◎采用10寸超大触摸屏人机交互，实时温度曲线查询，无纸化海量数据导出；
- ◎油箱及主管路均使用SUS304不锈钢无缝管，耐腐蚀、不漏油、经久耐用；
- ◎具有泵浦过载、超温保护、开机排气、关机自动冷却、缺油报警、低水压报警等保护功能；
- ◎具有易损件、耗材维护更换提醒；
- ◎功率输出可调节；
- ◎隔离式电器控制箱，延长电器使用年限；
- ◎标配通讯功能，可实现联网通讯，集中监控。

FEATURE:

- ◎All series adopts magnetic drive pump to prevent oil leakage;
- ◎Adopt 10-inch super large touch screen human-computer interaction, real-time temperature curve query, paperless massive data export;
- ◎Oil Tank and main pipeline all with SUS304 stainless steel and seamless pipes, ensuring corrosion-resistance, no oil leakage and long durability;
- ◎Safety Functions including pump overload protection, over-heat protection, starting-up exhausting, turning-off auto cooling, oil shortage alarm, low water pressure alarm, etc.
- ◎With maintenance and replacement reminders for wearing parts and consumables;
- ◎Power output is adjustable ;
- ◎Isolated electric controller cabinet to extend the lifetime of electric devices;
- ◎Default with communication function for remote automation management.



XC-DCO36KW2S-320

技术参数 SPECIFICATIONS

机型model	单位unit	XC-DCO18KW 2S-320	XC-DCO24KW 2S-320	XC-DCO36KW 2S-320	XC-DCO48KW 2S-320	XC-DCO18KW -320	XC-DCO24KW -320	XC-DCO36KW -320	XC-DCO48KW -320
温控范围 Temp.Control Range	℃	320℃							
温度精度 Temp.Control Accuracy	℃	P.I.D±0.1℃							
电源 Power		AcΦ 380v 50hz							
传热媒体 Heat Transfer Medium		传热油 Heat Transfer Oil							
冷却方式 Cooling Method		间接冷却 Indirect Cooling							
加热能量 Heating Capacity	kw	15×2	20×2	(15×2)×2	(20×2)×2	15	20	15×2	20×2
泵浦马力 Pump Power	kw	1.1×2		1.5×2	3×2	1.1		1.5	3
最大泵浦流量 Max.Pump Flow	L/min	60×2		90×2	140×2	60		90	140
最大泵浦压力 Max.Pump Pressure	kg/cm ²	5×2	5×2	6×2	6×2	5	5	6	6
储油量 Oil Tank Capacity	liter	50		60		50		60	
报警功能 Alert Function	inch	缺相/缺油/超温/过载/phase loss/oil shortages/over heat/overload (泵浦反转回油Oil return by pump reversal)							
冷却水配管 Cooling Water Pipe	inch	3/4							
热媒出入口径 Inlet Outlet Diameter	mm	1"×2				1"			
外形尺寸 Dimension(L×W×H)	mm	1435×620×1490				1320×560×1145			
净重约 Approx.Net Weight		260	260	280	295	260	260	210	210
注：不含高温闸阀及分水器。Note: Excluding high-temperature gate valves and water separators.									

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